

ABSTRACT OF THE DISCLOSURE

Recyclable locking for multi-threaded computing environments is disclosed. In one embodiment, a system includes at least one thread, a pool of locks, at least one object, and a recyclable locking mechanism. Each object has an associated variable. The mechanism associates a lock with an object using the associated variable of the object as a pointer, upon a first request by a thread.

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Date of Deposit: 12/21/98

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